Early pandemic forecast for Hungary M: multi-output M: multi-output M: repeated single-output (deaths + mobility) (deaths) (deaths) 20 20 20 per million of population Prediction Prediction Prediction Truth Truth Truth 15 15 15 Death incidence 10 10 10 5 5 5 0 0 10 10 6 8 10 6 Days since April 22 2020 Days since April 22 2020 Days since April 22 2020 B: LSTM (deaths) B: Bi-LSTM (deaths) B: GRU (deaths + mobility) 20 20 20 per million of population Prediction Prediction Prediction Truth Truth Truth Death incidence 15 15 15 10 10 10 5 5 5 10 10 12 10 12 8 8 8 12 6 6 Days since April 22 2020 Days since April 22 2020 Days since April 22 2020 B: ARIMA wavelet **B**: Persistence 20 20 per million of population Prediction Prediction Truth Truth 15 Death incidence 15 10 10 5 5 12 12 10 10 8 2 0 Days since April 22 2020 Days since April 22 2020